

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

Application Number	TBD (divisional of 09/940,463)
Filing Date	January 12, 2004
First Named Inventor	Kenneth P. HINCKLEY
Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	003797.00811

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
J-2	A	US- 5,371,846	12/06/1994	BATES	
	B	US- 5,506,951	04/09/1996	ISHIKAWA	
	C	US- 5,532,754	07/02/1996	YOUNG et al.	
	D	US- 5,748,185	05/05/1998	STEPHAN et al.	
	E	US- 5,771,037	06/23/1998	JACKSON	
	F	US- 5,864,330	01/26/1999	HAYNES	
	G	US- 5,889,236	03/30/1999	GILLESPIE et al.	
	H	US- 5,943,044	08/24/1999	MARTINELLI et al.	
	I	US- 5,943,052	08/24/1999	ALLEN et al.	
	J	US- 5,952,942	09/14/1999	BALAKRISHNAN et al.	
	K	US- 6,034,668	03/07/2000	JACKSON	
	L	US- 6,043,809	03/28/2000	HOLEHAN	
	M	US- 6,075,522	06/13/2000	MILROY	
	N	US- 6,084,570	07/04/2000	MILROY	
	O	US- 6,147,683	11/14/2000	MARTINEZ et al.	
J-2 J-1	P	US- 6,157,381	12/05/2000	BATES et al.	
	Q	US- 6,369,837	04/09/2002	SCHIRMER	
	R	US-			
	S	US-			
	T	US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	U					
	V					
	W					
	X					
	Y					
	Z					

Examiner Signature	<i>L. Y. Lee</i>	Date Considered	7/8/05
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Sheet 2

of

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Application Number	TBD (divisional of 09/940,463)
Filing Date	January 12, 2004
First Named Inventor	Kenneth P. HINCKLEY
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	003797.00811

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
P.L.	AA	William BUXTON et al., "A Study in Two-Handed Input", Proceedings of CHI '86, 1986, pp. 321-326.	
	AB	Yves GUIARD, "Asymmetric Division of Labor in Human Skilled Bimanual Action: The Kinematic Chain as a Model", Journal of Motor Behavior, Vol. 19, No. 4, 1987, pp. 486-517.	
	AC	Shumin ZHAI, et al., "Improving Browsing Performance: A Study of Four Input Devices for Scrolling and Pointing Tasks", Proceedings of INTERACT97: The Sixth IFIP Conference on Human-Computer Interaction, pp. 286-292.	
	AD	Ken HINCKLEY, et al., "Interaction and Modeling Techniques for Desktop Two-Handed Input", Proceedings of ACM UIST'98 Symposium on User Interface Software and Technology, 1998, pp. 49-58.	
	AE	William BUXTON, et al., "Issues and Techniques in Touch-Sensitive Tablet Input", Computer Graphics, Proceedings of SIGGRAPH'85, 19(3), 1985, pp. 215-223	
	AF	Takeo IGARASHI, et al., "Speed-dependent Automatic Zooming for Browsing Large Documents", (Dated prior to August 29, 2001).	
	AG	Stephen A. BREWSTER et al., "The Design and Evaluation of an Auditory-Enhanced Scrollbar", Human Factors in Computing Systems, 1994, pp. 173-179.	
	AH	William Buxton, "There's More to Interaction than Meets the Eye: Some Issues in Manual Input", User Centered System Design: New Perspectives on Human-Computer Interaction, 1986, pp. 319-337.	
	AI	William Buxton., "Two-Handed Document Navigation", XEROX Disclosure Journal, 19(2), 1994, pp. 103-108.	
	AJ	Brad A. MYERS, et al., "Two-Handed Input Using a PDA and a Mouse", Human Computer Interaction Institute, School of Computer Science, Carnegie Mellon University, (Dated prior to August 29, 2001).	
	AK	Overview of Synaptics Touch Pad Features (6 pages), (Dated prior to August 29, 2001).	
	AL	Scott MACKENZIE, "(How) To Scroll or (How) Not To Scroll", University of Guelph, (Dated prior to August 29, 2001).	
P.L.	AM	Synaptics webpage, <a href="http://www.synaptics.com/supp-touchdrivers.cfm">http://www.synaptics.com/supp-touchdrivers.cfm</a> , printed 12/13/00, (3 Pages).	
P.L.	AN	Synaptics webpage, <a href="http://www.synaptics.com/supp-driver-theramin.cfm">http://www.synaptics.com/supp-driver-theramin.cfm</a> , printed 12/13/00, (3 Pages).	

Examiner Signature	<i>P.L. Low</i>	Date Considered	7/8/05
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Sheet	.1	of	1
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**Complete if Known**

<i>Application Number</i>	10/754,593
<i>Filing Date</i>	January 12, 2004
<i>First Named Inventor</i>	Kenneth P. HINCKLEY
<i>Art Unit</i>	2173
<i>Examiner Name</i>	TBA
<i>Attorney Docket Number</i>	003797.00811

## U.S. PATENT DOCUMENTS

[illegible]

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
PT		JP 2000-214994	08/2000	TADASHI		X
↓		JP 06-202800	07/1994	SACHIKO		X
		JP 2000-292194	10/2000	YOSHIMASA		X
PT		JP 11-53165	02/1999	YOICHI, et al.		X
PT		JP 2000-181617	06/2000	HARUMI		X

Examiner Signature	L. J. Fero
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Date  
Considered

718/05

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